

U.S. Census Bureau

Measuring America: People, Places, and Our Economy

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Agenda

- Importance of Census Bureau Data
- Decennial Census and the American Community Survey (ACS)
- Statistics
 - Selected ACS characteristics
- Accessing Census Bureau Data

Overview

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ACS History

1940-2000

- Decennial Census: Short Form & Long Form

2005

- American Community Survey Replaces Decennial Long Form

2010

- Decennial Census: Short Form Only

Differences Between Decennial Census and ACS

Census

Every 10 Years

100 Percent Data

Official Count

Point In Time
(April 1st)

ACS

Yearly

Sample Data (3.5 million
year/291K monthly)

Estimates
(trends/comparisons)

Period of Time
(1yr, 3yr, 5yr)

ACS Period Estimates

1-Year Estimates

- Geographies of 65,000 or more

3-Year Estimates

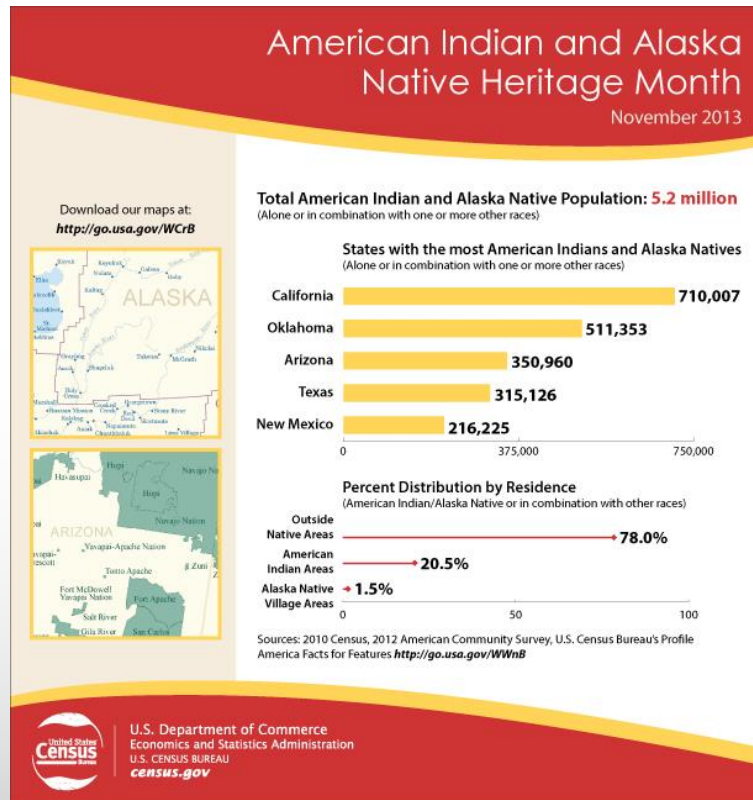
- Geographies of 20,000 or more

5-Year Estimates

- All geographies

American Community Survey

Demographic Characteristics



- Age
- Race
- Sex
- Hispanic Origin

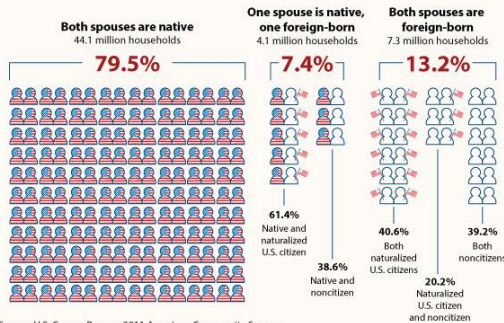
American Community Survey

Social Characteristics

Married-Couple Households by Nativity and Citizenship

Out of 55.5 million married-couple households in the United States ...

 = 500,000 households



Source: U.S. Census Bureau, 2011 American Community Survey

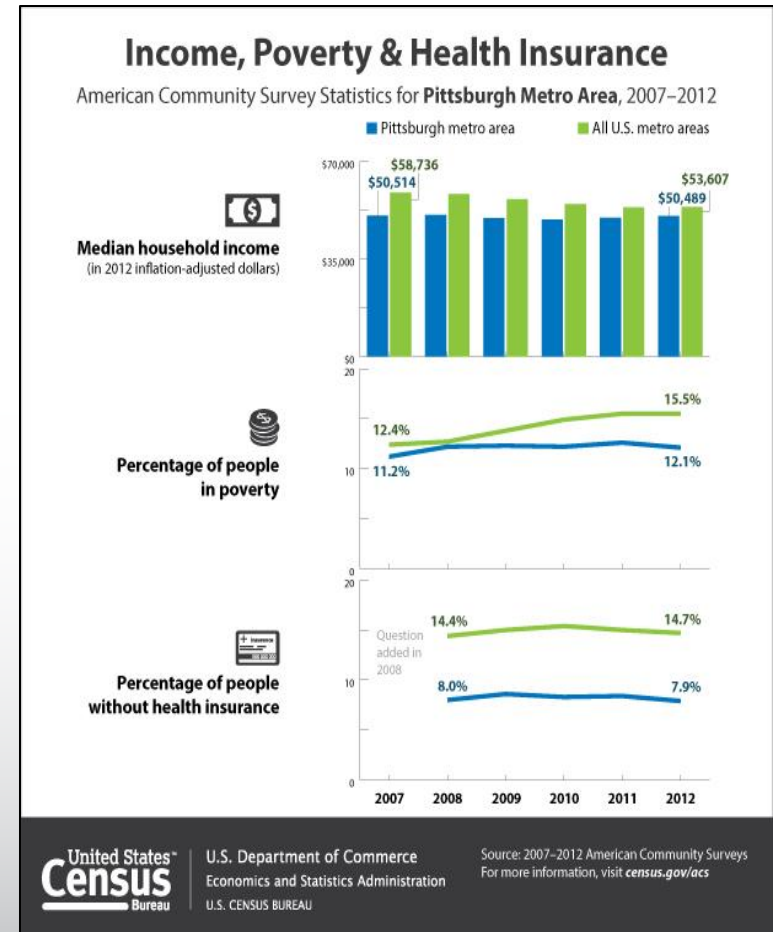
United States Census Bureau
U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU

- Education
- Marital Status
- Fertility
- Grandparent/ Caregivers
- Veterans
- Disability Status
- Place of Birth
- Citizenship
- Year of Entry
- Language Spoken at Home
- Ancestry / Tribal Affiliation

American Community Survey

Economic Characteristics

- Income
 - Social Security Income
 - Retirement Income
- Employment Status
- Occupation
- Industry
- Commuting to Work
- Place of Work
- Health Insurance
 - Medicare
 - Medicaid



American Community Survey

Housing Characteristics



- Tenure
- Occupancy & Structure
- Housing Value
- Taxes & Insurance
- Utilities
- Mortgage/Monthly Rent

ACS Data Products

Annual Releases with Population Thresholds

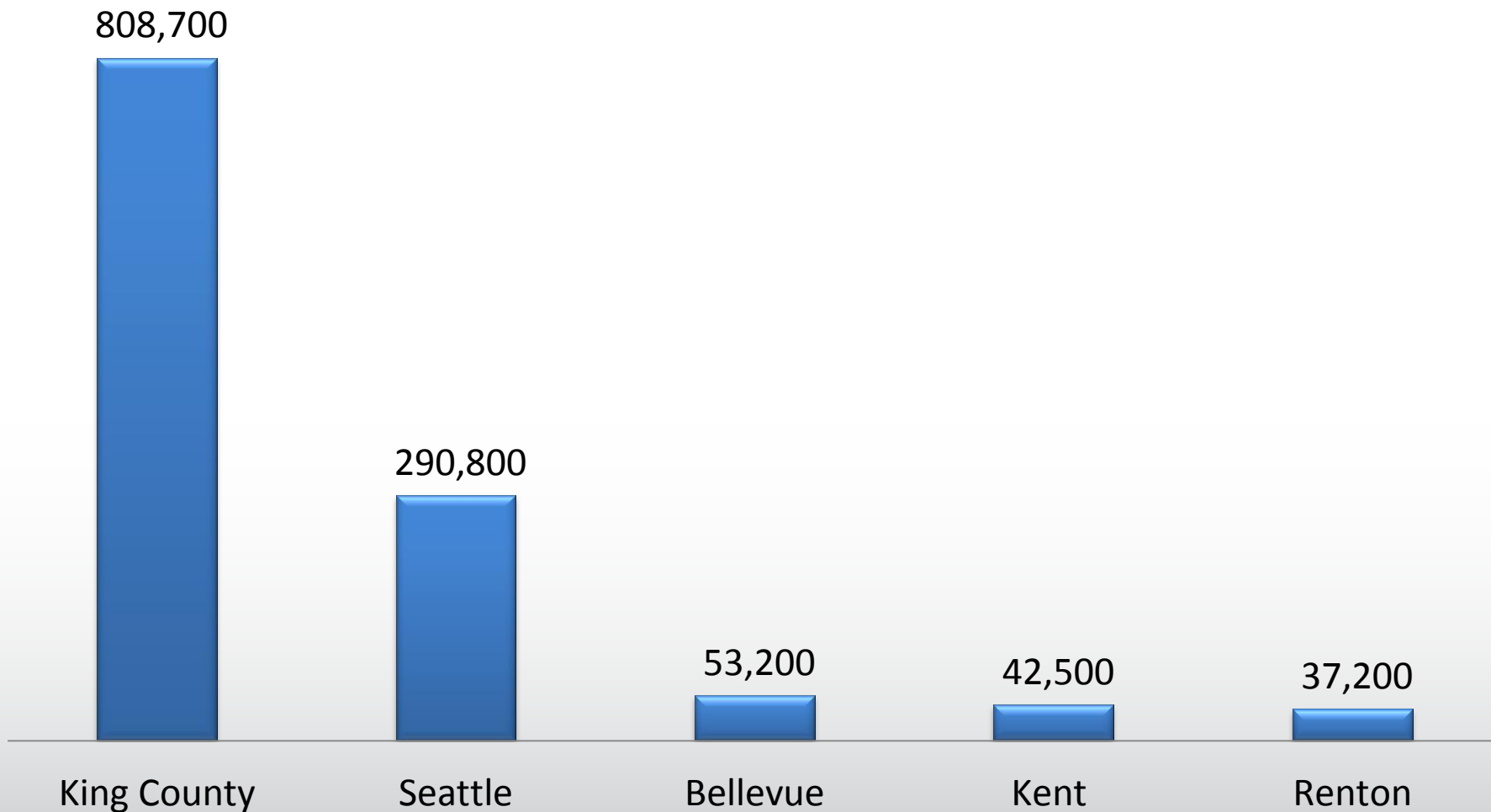
Data Product (next release)	Population Threshold of Statistical Area	Year of Data Release									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
		Year(s) of Data Collection									
1-Year Estimates (September)	65,000 +	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
3-Year Estimates (October)	20,000 +			2005 - 2007	2006 - 2008	2007 - 2009	2008 - 2010	2009 - 2011	2010 - 2012	2011 - 2013	
5-Year Estimates (December)	All Areas *					2005 - 2009	2006 - 2010	2007 - 2011	2008 - 2012	2009 - 2013	2010 - 2014

* All Areas = All legal, administrative, and statistical geographic areas down to the block group level.
Zip Code Tabulation Area (ZCTA) estimates first became available in 2012, with the 2007 – 2011 estimates.

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- Census, Surveys and Estimates
- Decennial Census and the American Community Survey (ACS)
- **Statistics**
 - Selected ACS characteristics
- Accessing Census Bureau Data

Households

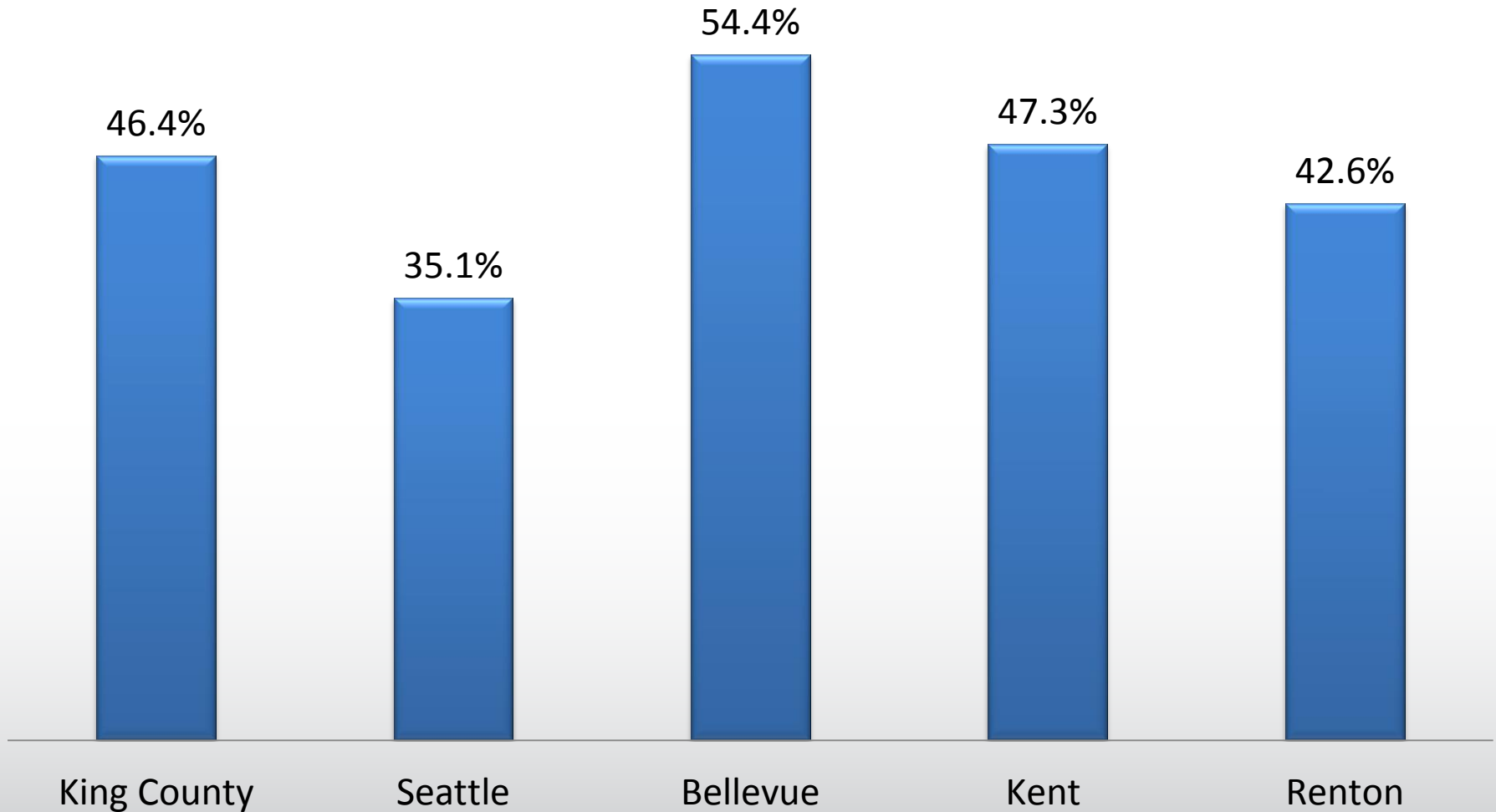


Source: American Community Survey 5-Year Estimates 2010-2014

► Scenario 1: Which City has the largest % Married Couples?

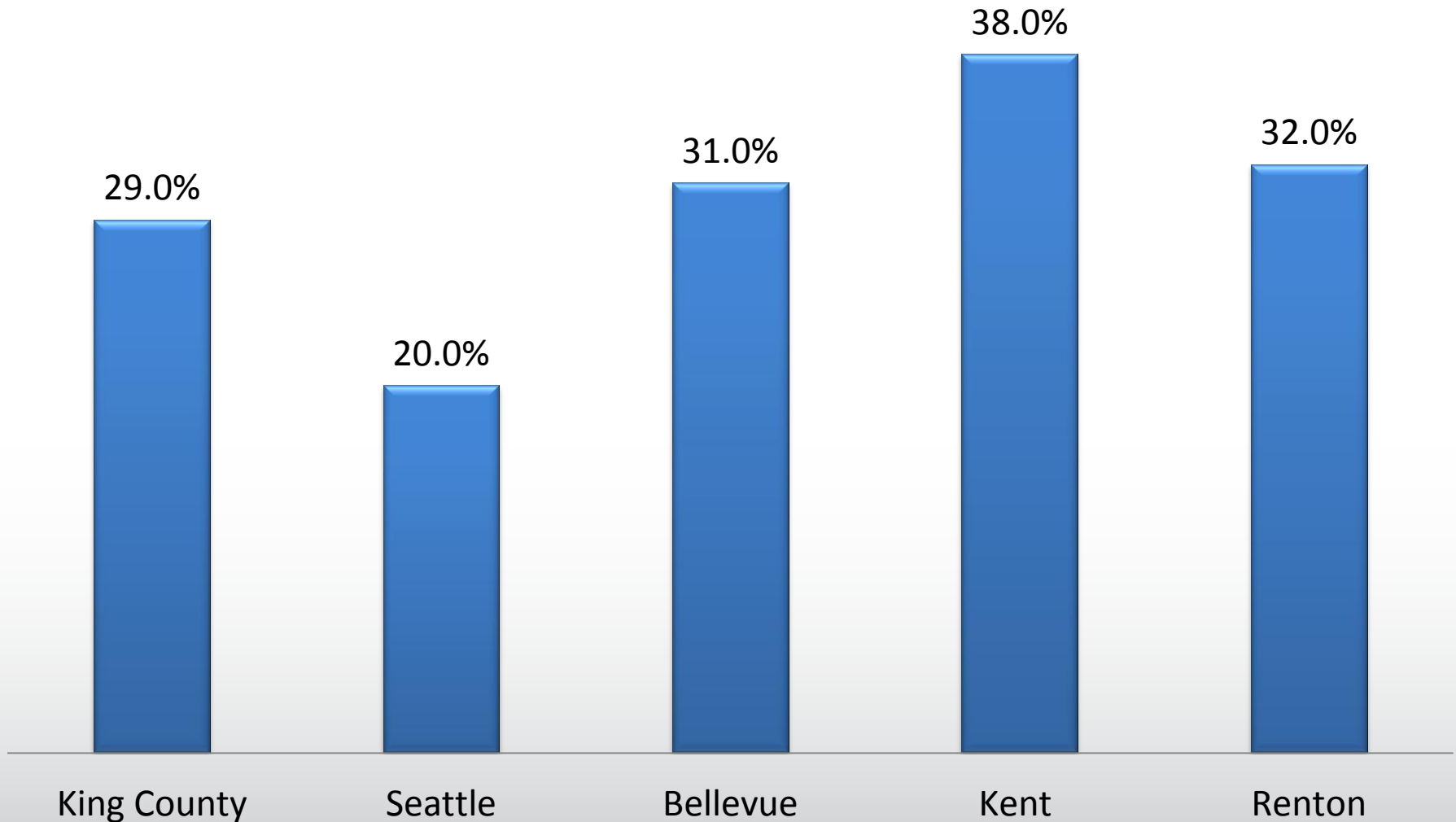
- Seattle
- Bellevue
- Kent
- Renton

Married Couples



Source: American Community Survey 5-Year Estimates 2010-2014

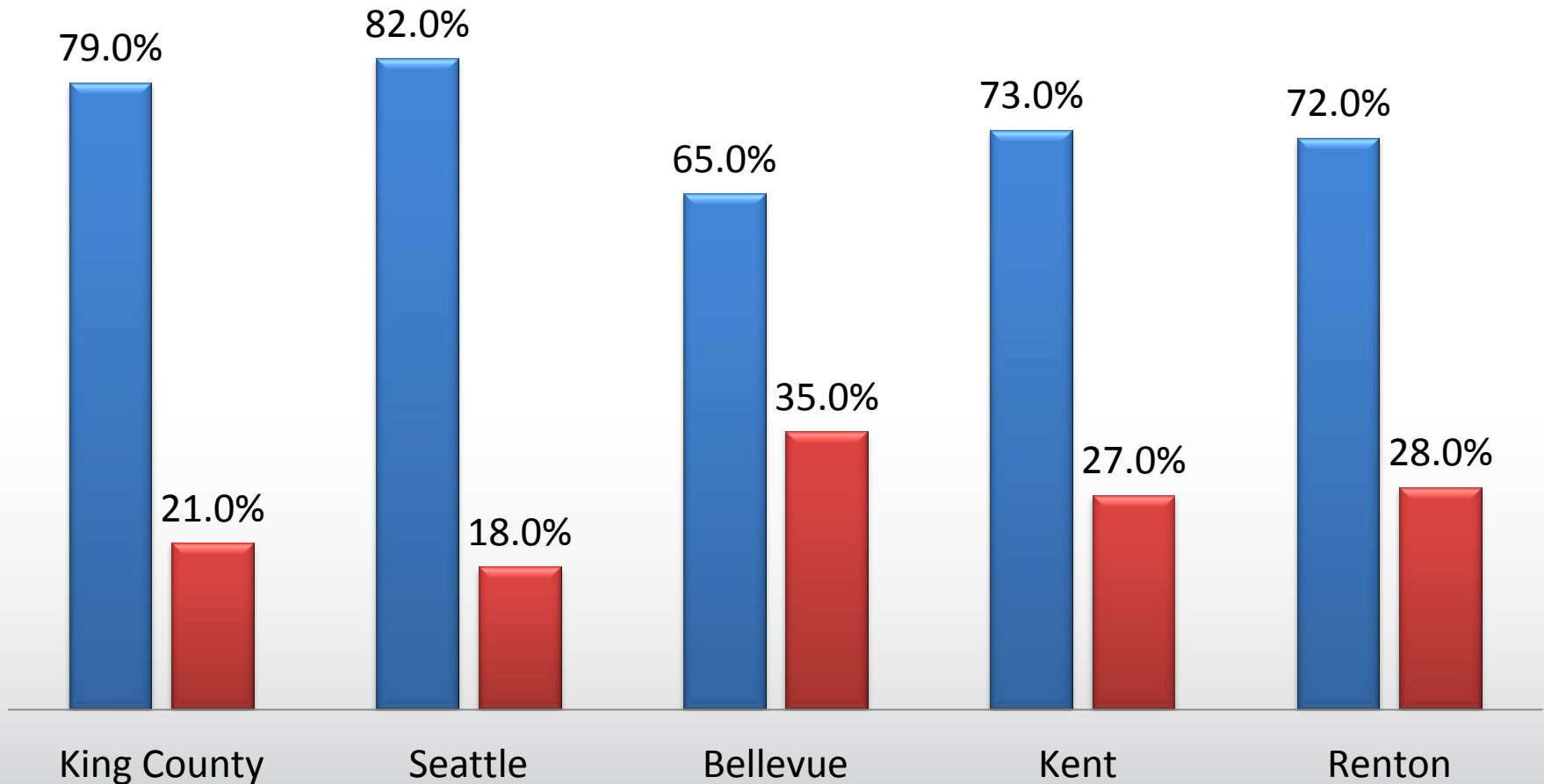
Households with Children <18 yrs. Old



Source: American Community Survey 5-Year Estimates 2010-2014

Place of Birth

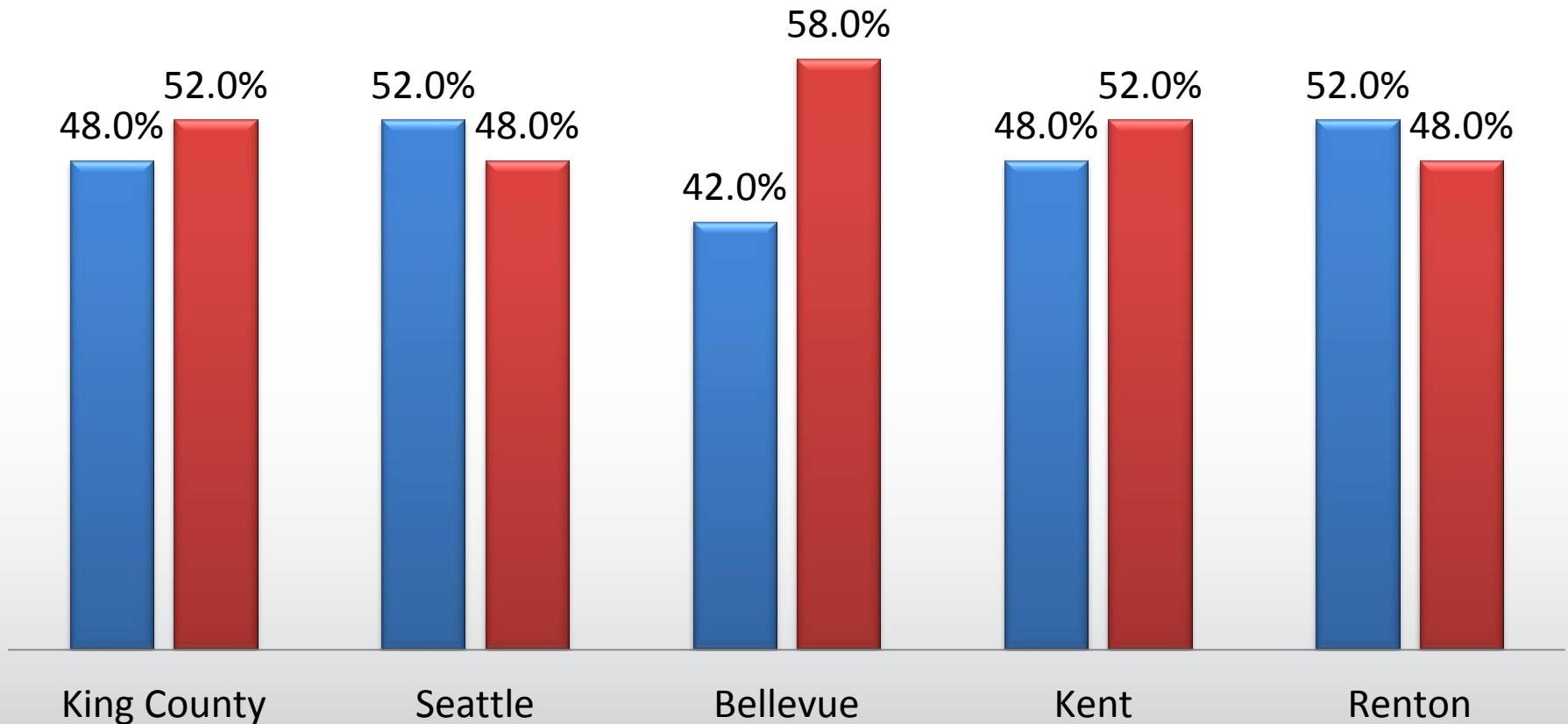
■ US Native Population ■ Foreign Born



Source: American Community Survey 5-Year Estimates 2010-2014

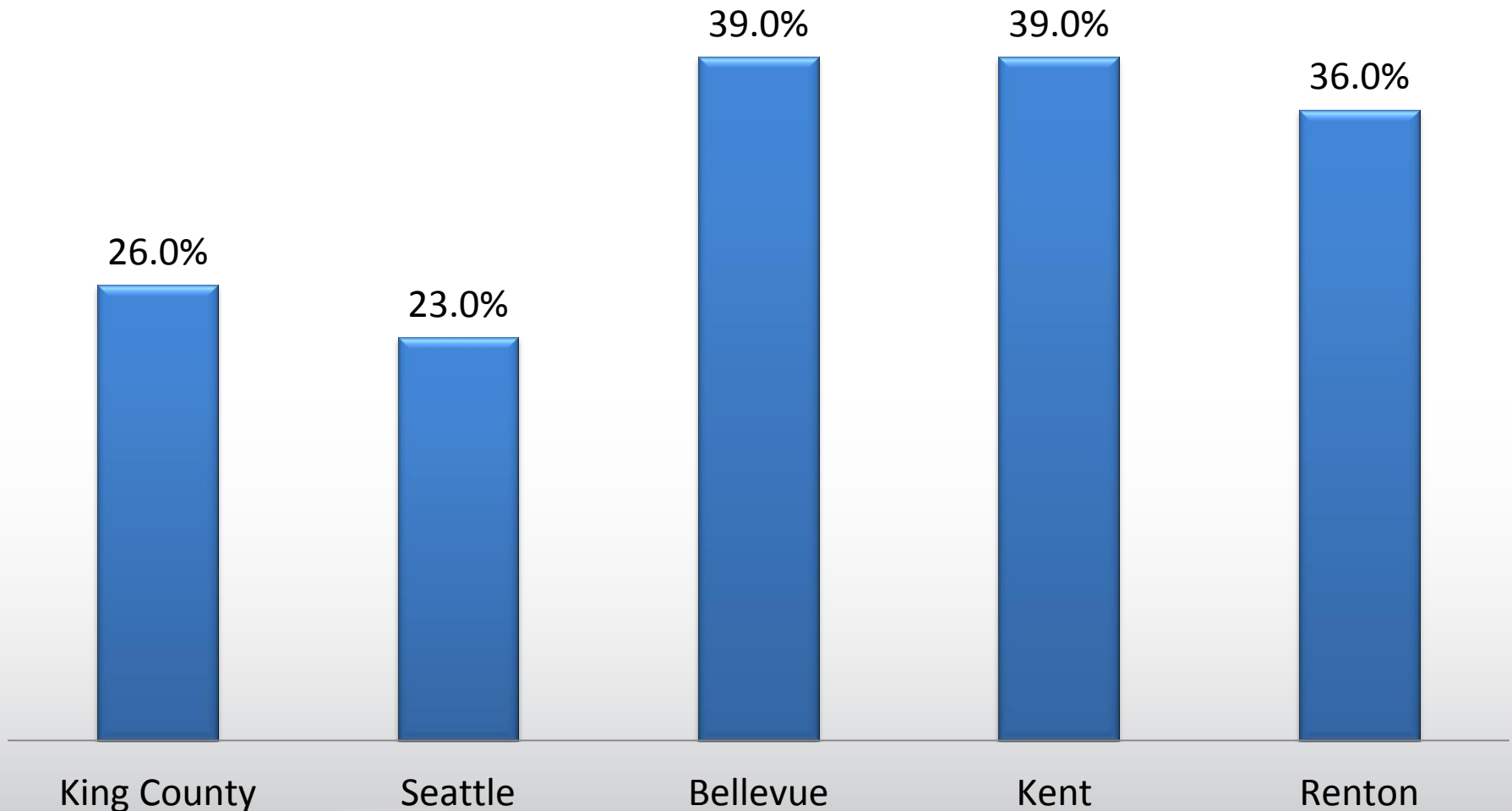
Foreign Born Polulation - Citizenship

■ Naturalized Citizens ■ Not a US Citizen



Source: American Community Survey 5-Year Estimates 2010-2014

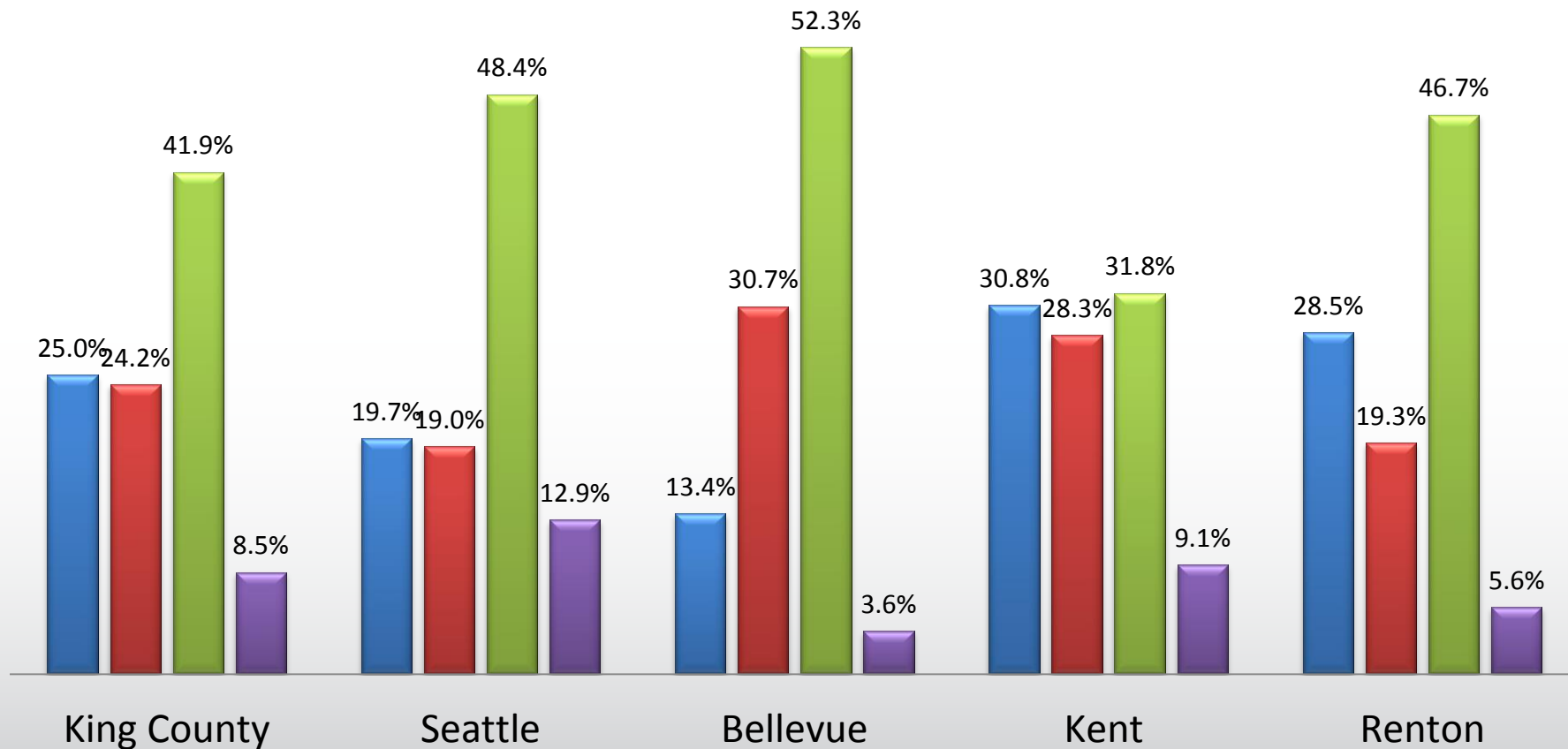
Language Spoken at Home



Source: American Community Survey 5-Year Estimates 2010-2014

Language at Home

■ Spanish ■ Other Indo-European ■ Asian and Pacific ■ Another Languages

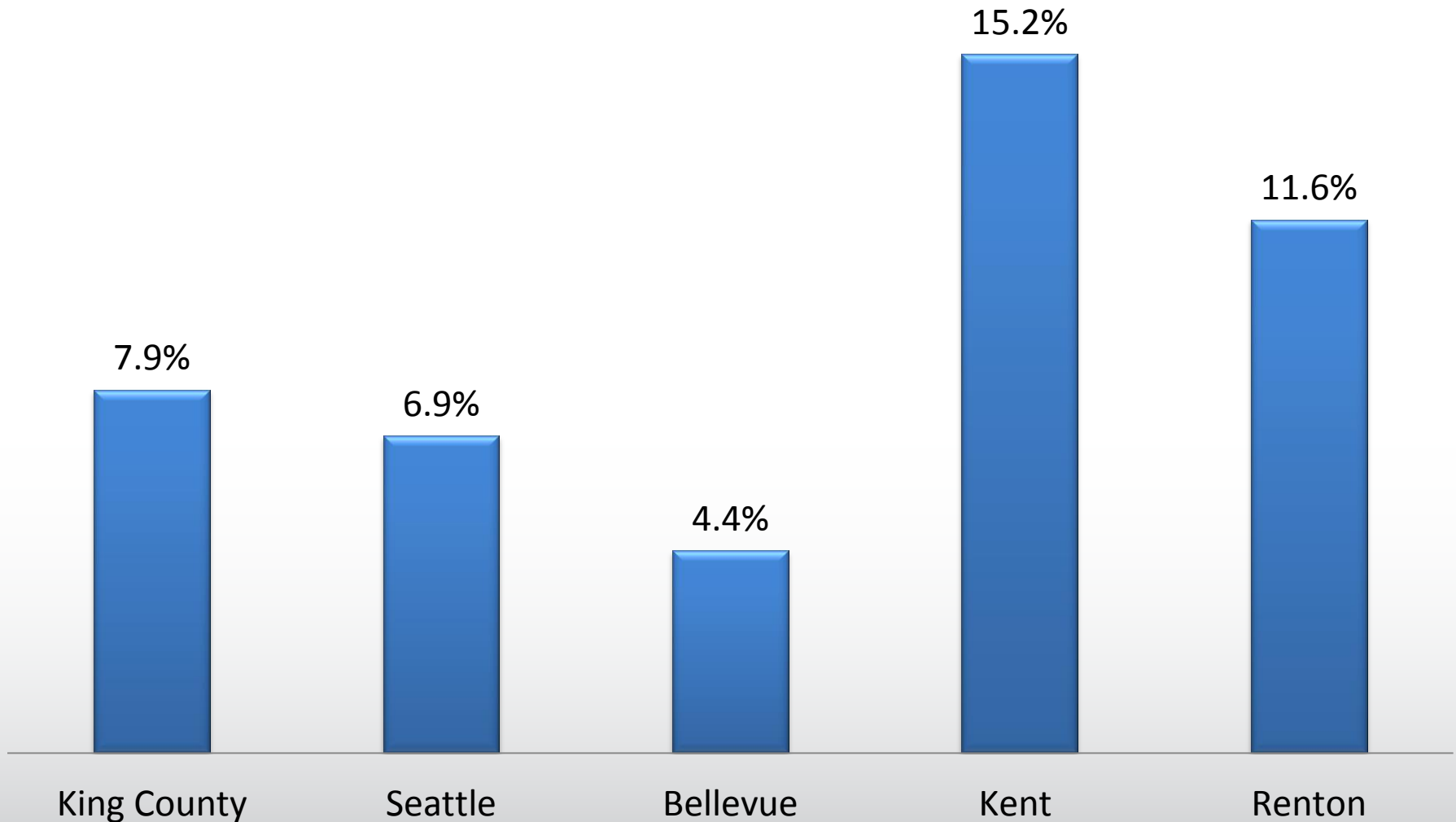


Source: American Community Survey 5-Year Estimates 2010-2014

► Scenario 2: Which City has the largest % High School Drop Outs?

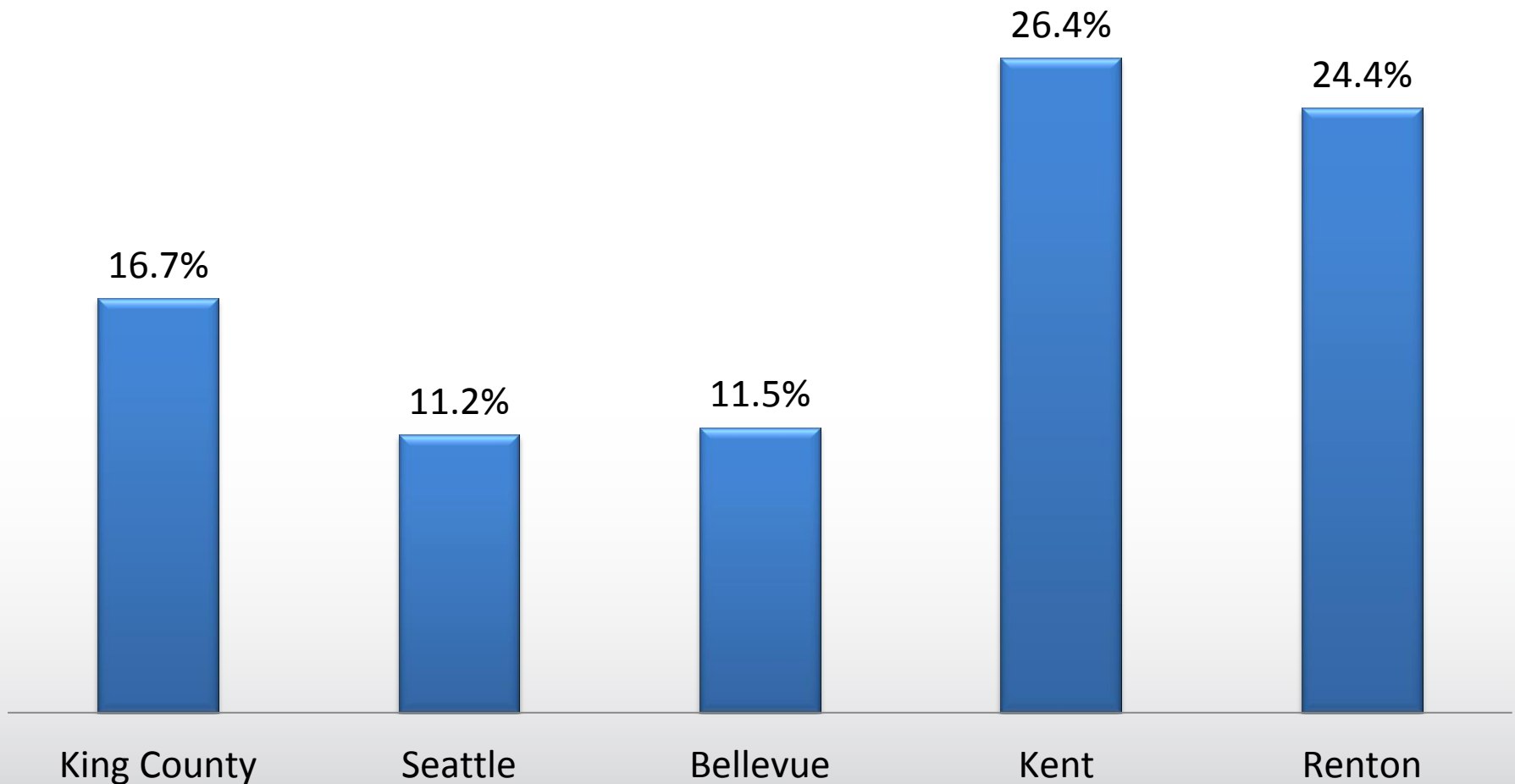
- Seattle
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- Renton

Less Than High School Diploma



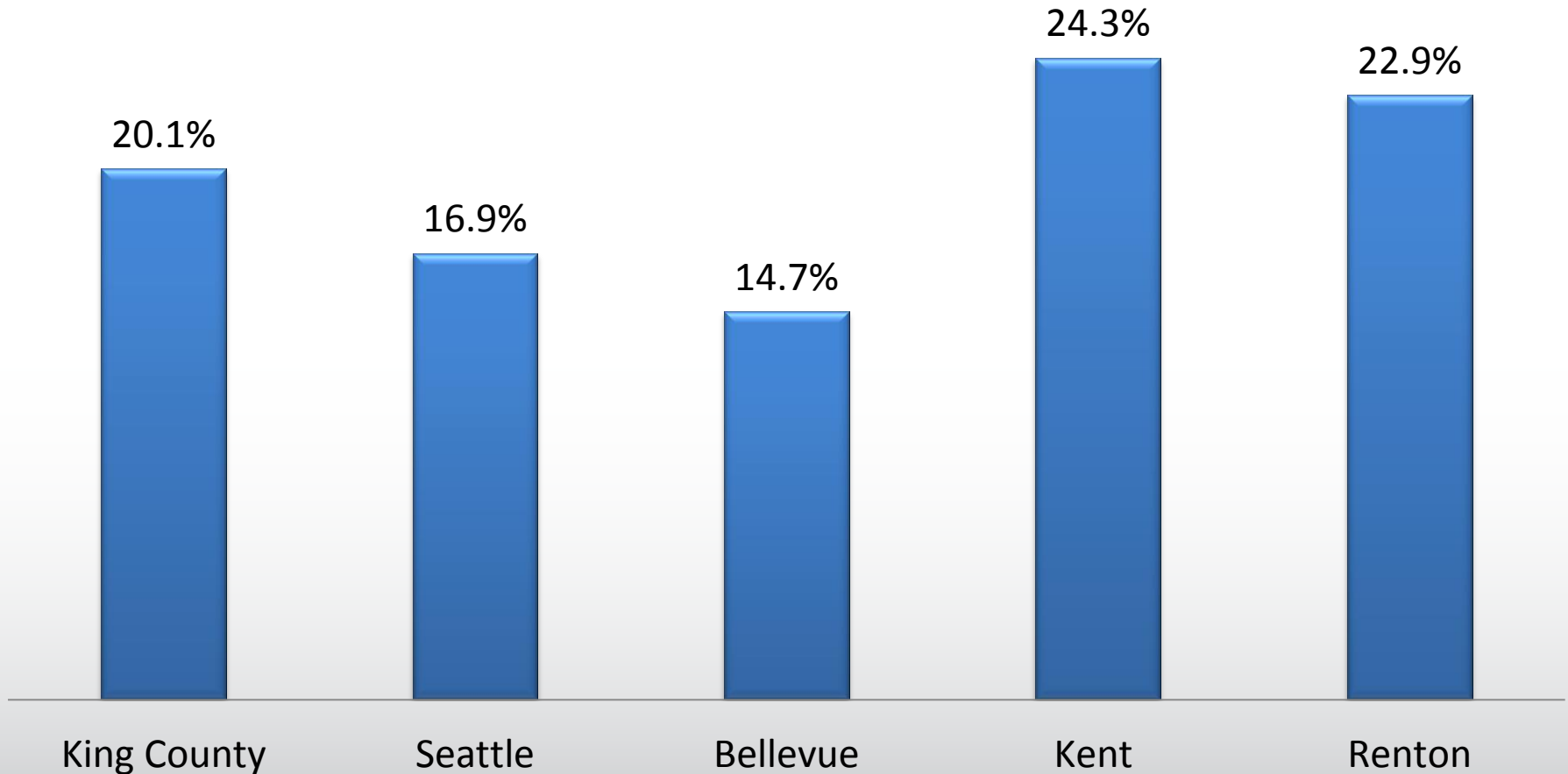
Source: American Community Survey 5-Year Estimates 2010-2014

High School Diploma or Equivalent



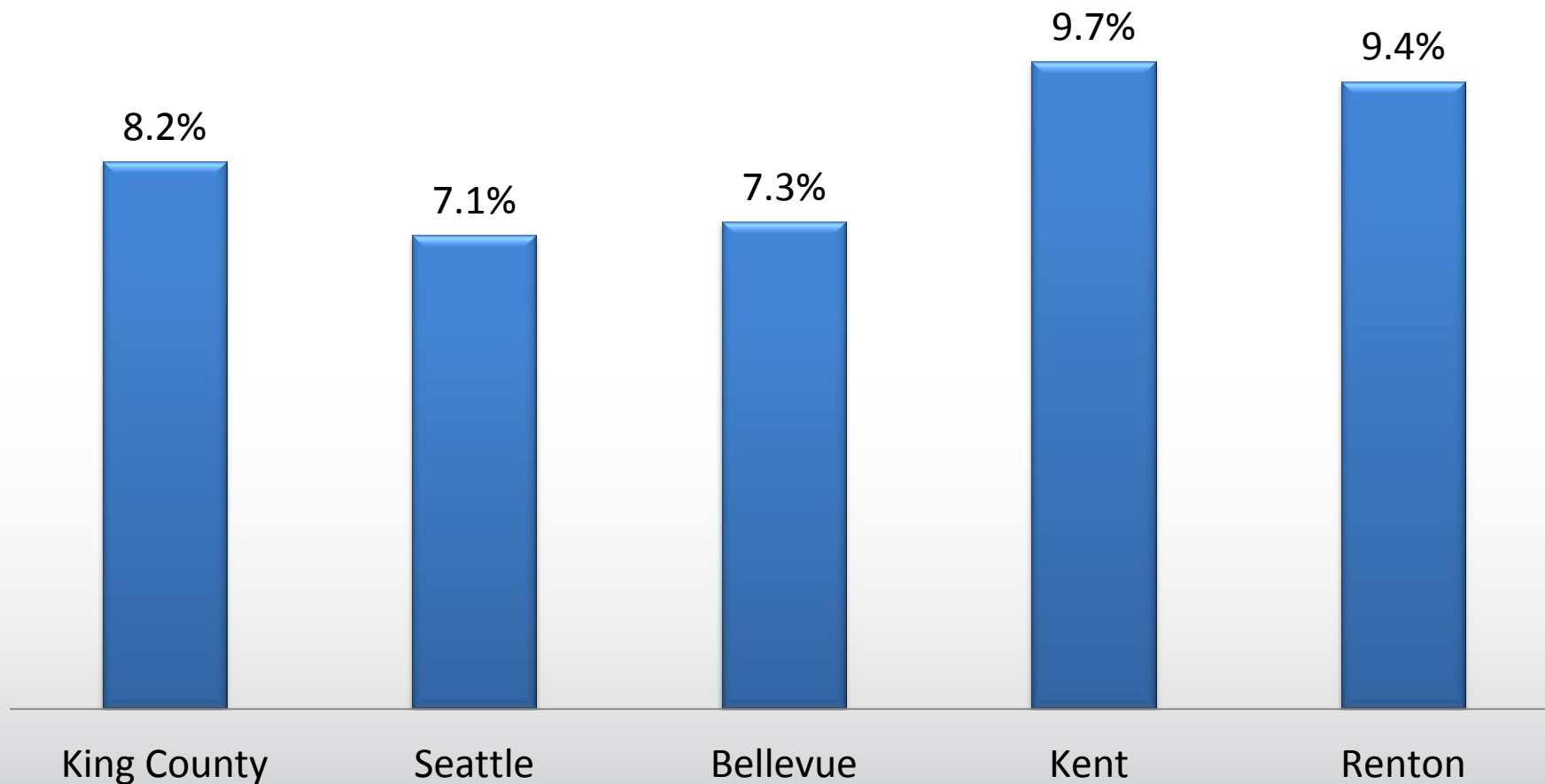
Source: American Community Survey 5-Year Estimates 2010-2014

Some College - No Degree



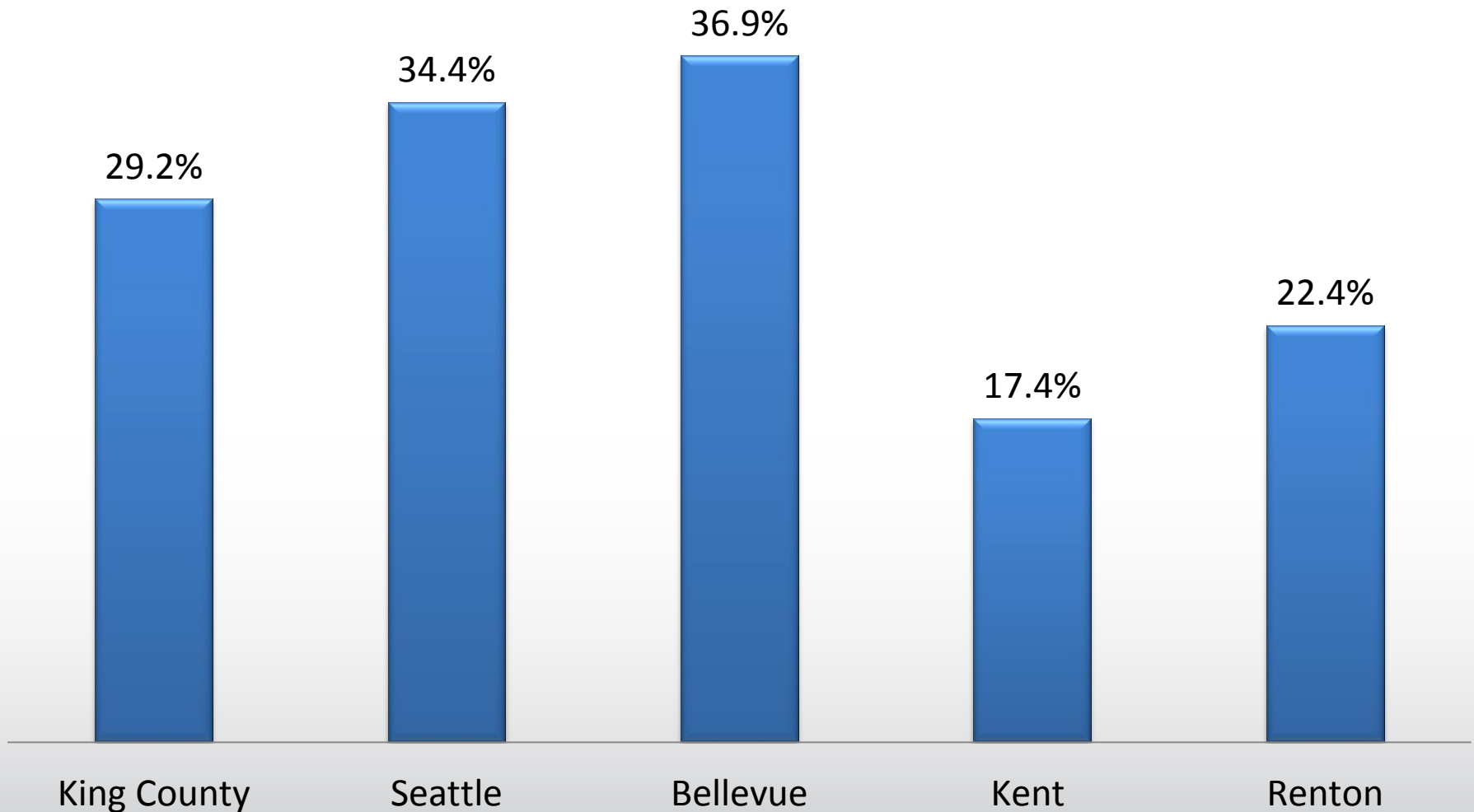
Source: American Community Survey 5-Year Estimates 2010-2014

Associate's Degree



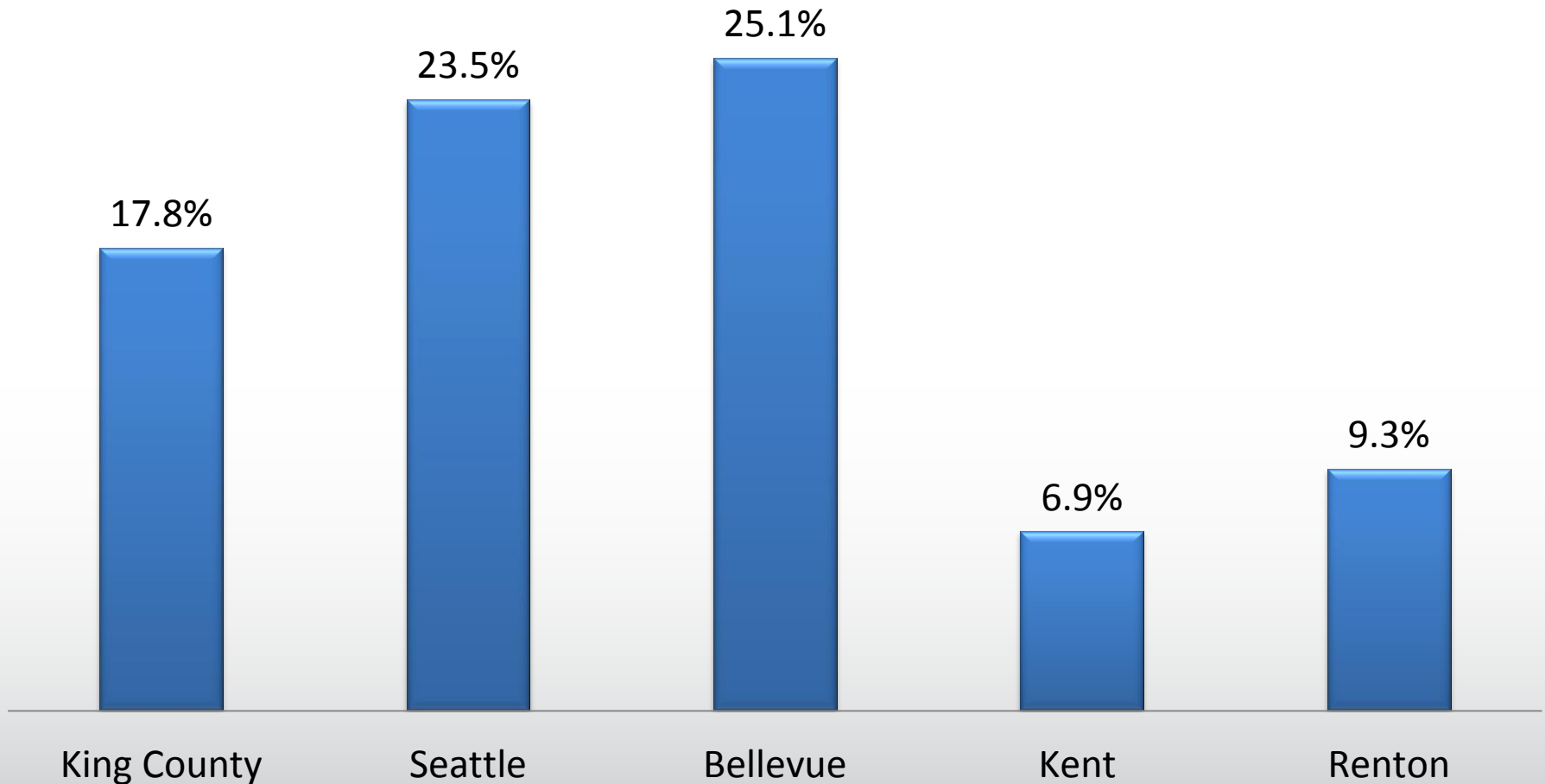
Source: American Community Survey 5-Year Estimates 2010-2014

Bachelor's Degree



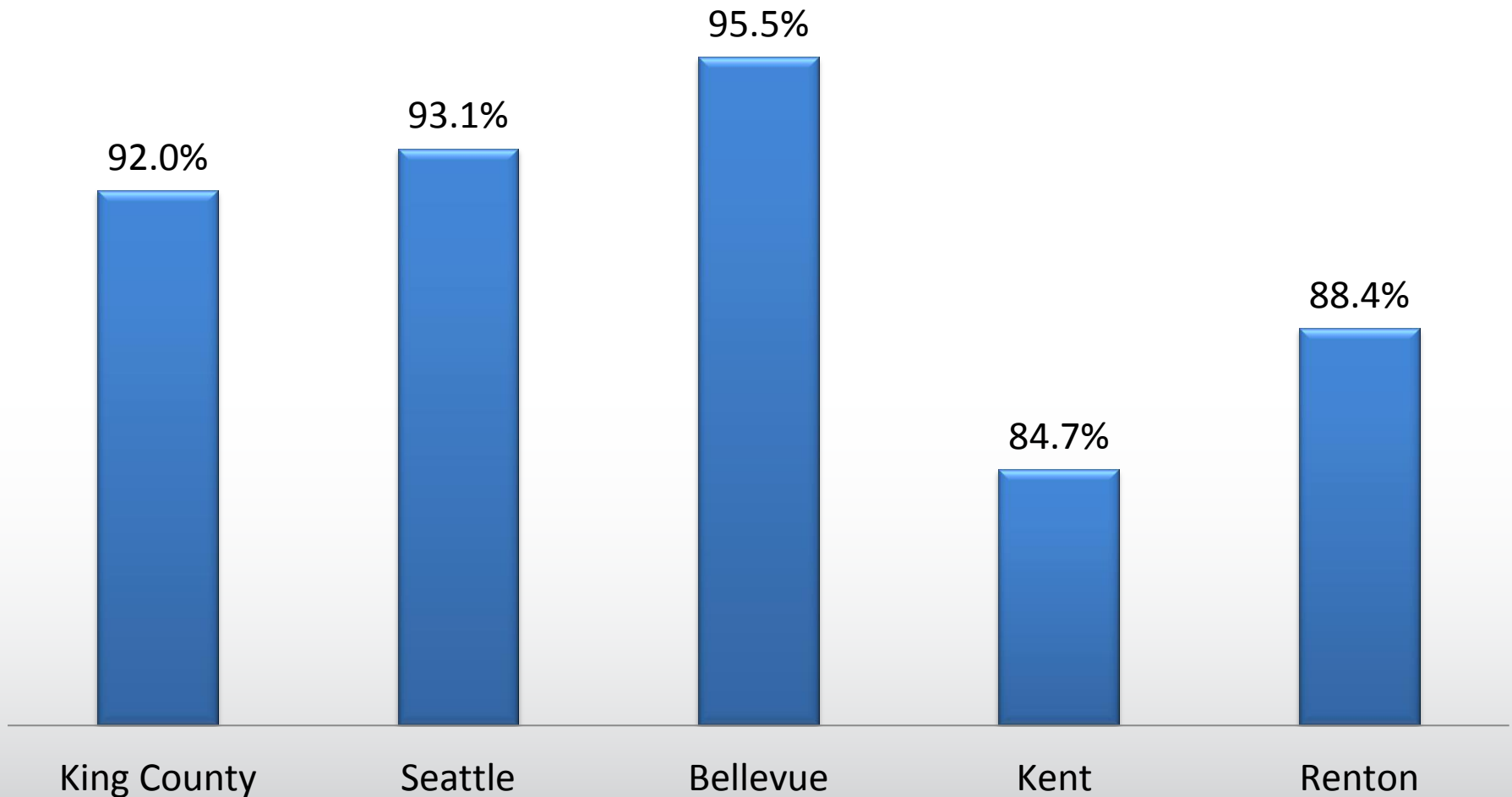
Source: American Community Survey 5-Year Estimates 2010-2014

Graduate or Professional Degree



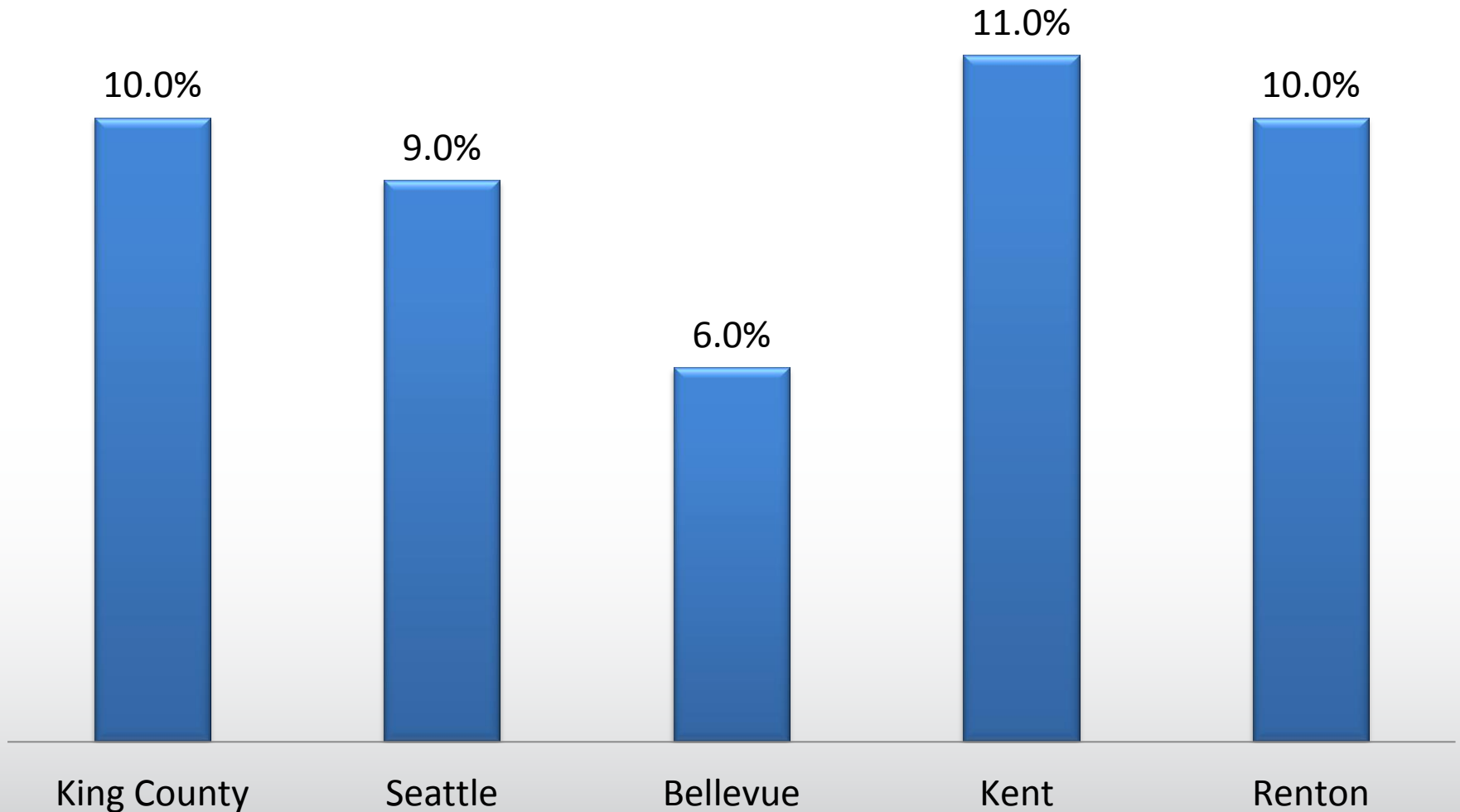
Source: American Community Survey 5-Year Estimates 2010-2014

High School or higher



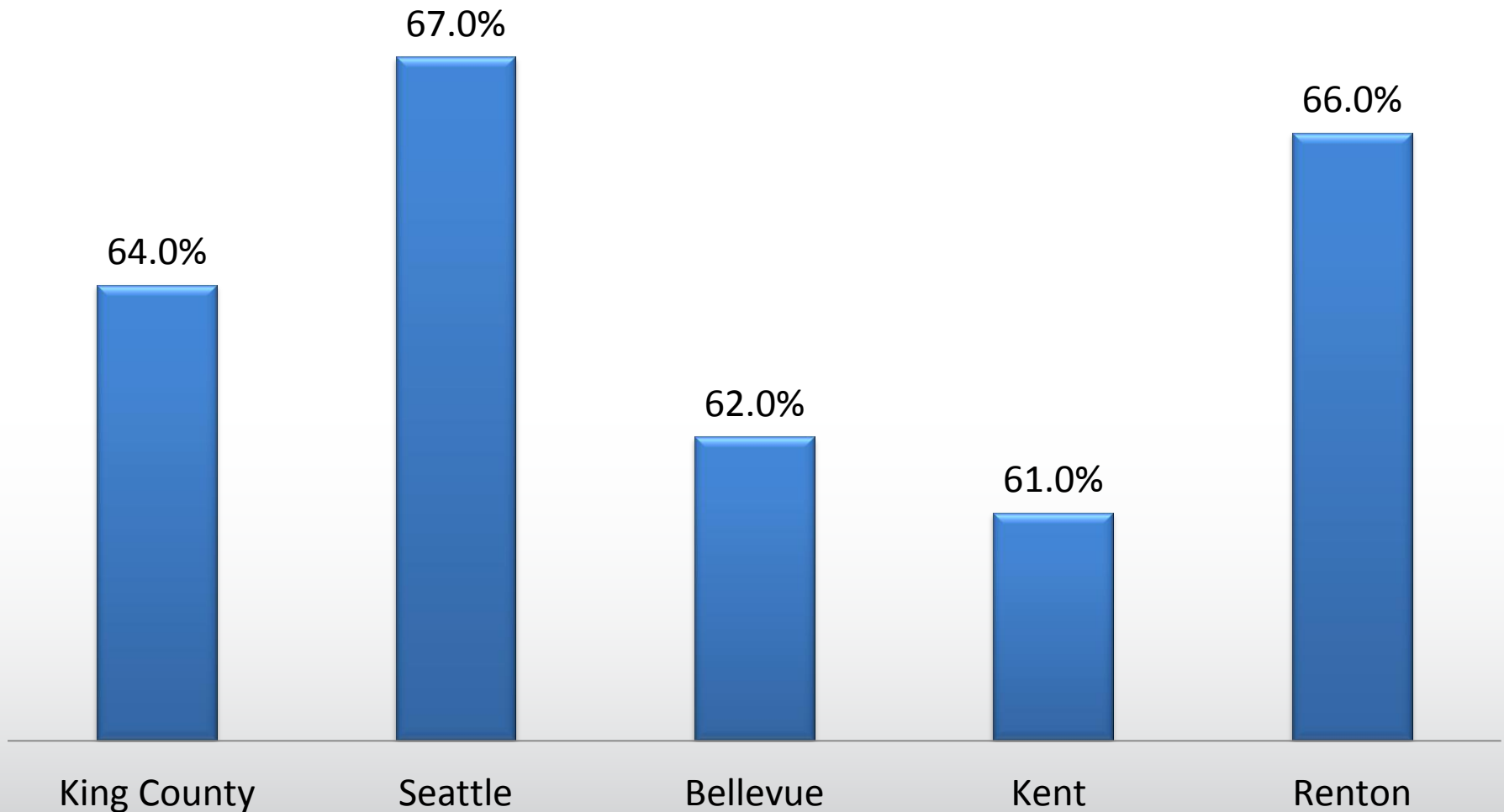
Source: American Community Survey 5-Year Estimates 2010-2014

% of civilian population reporting a disability



Source: American Community Survey 5-Year Estimates 2010-2014

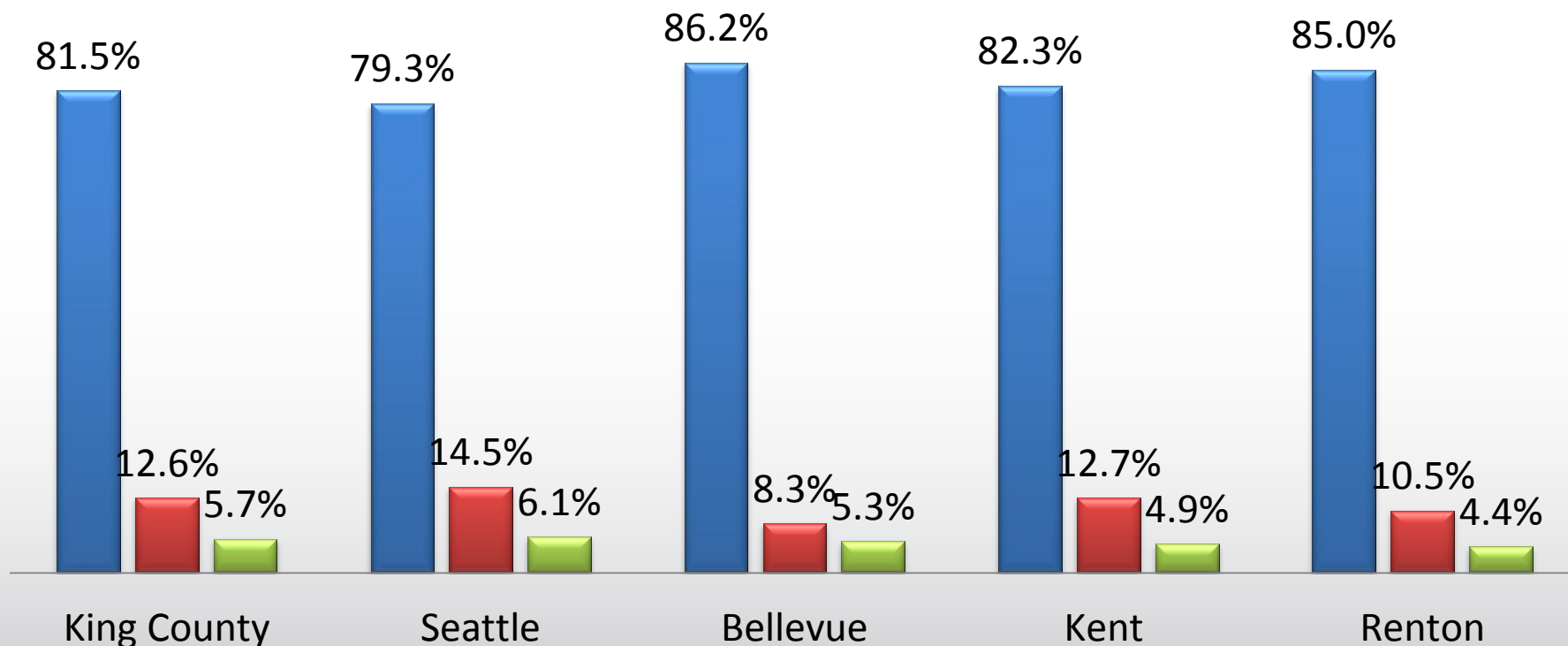
% Population Employed



Source: American Community Survey 5-Year Estimates 2010-2014

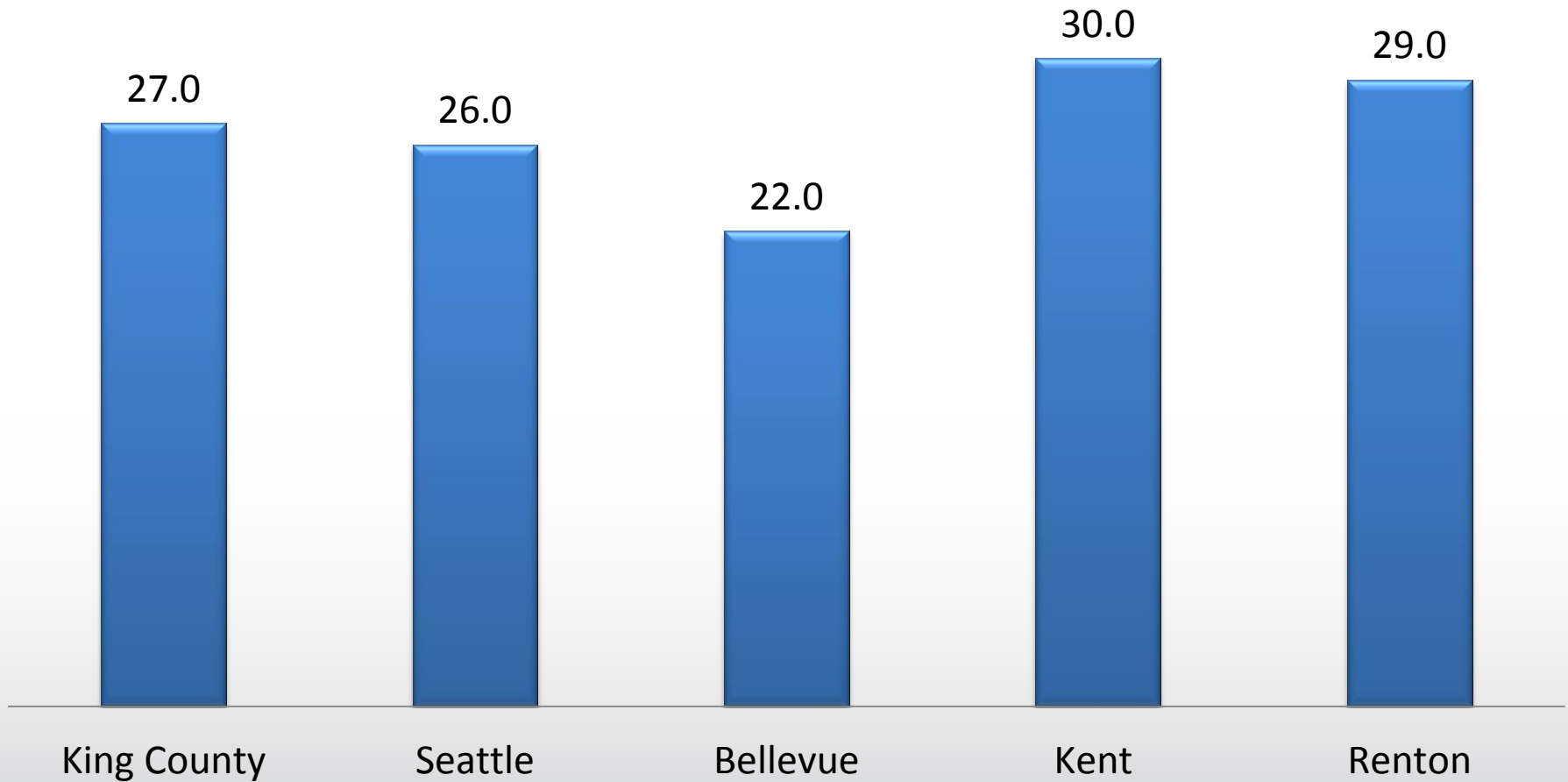
Employer Type

- Private Wage & Salary workers
- Federal, state, or local government
- Self-employed (not incorporated business)



Source: American Community Survey 5-Year Estimates 2010-2014

Commuting to Work (Mean Travel)

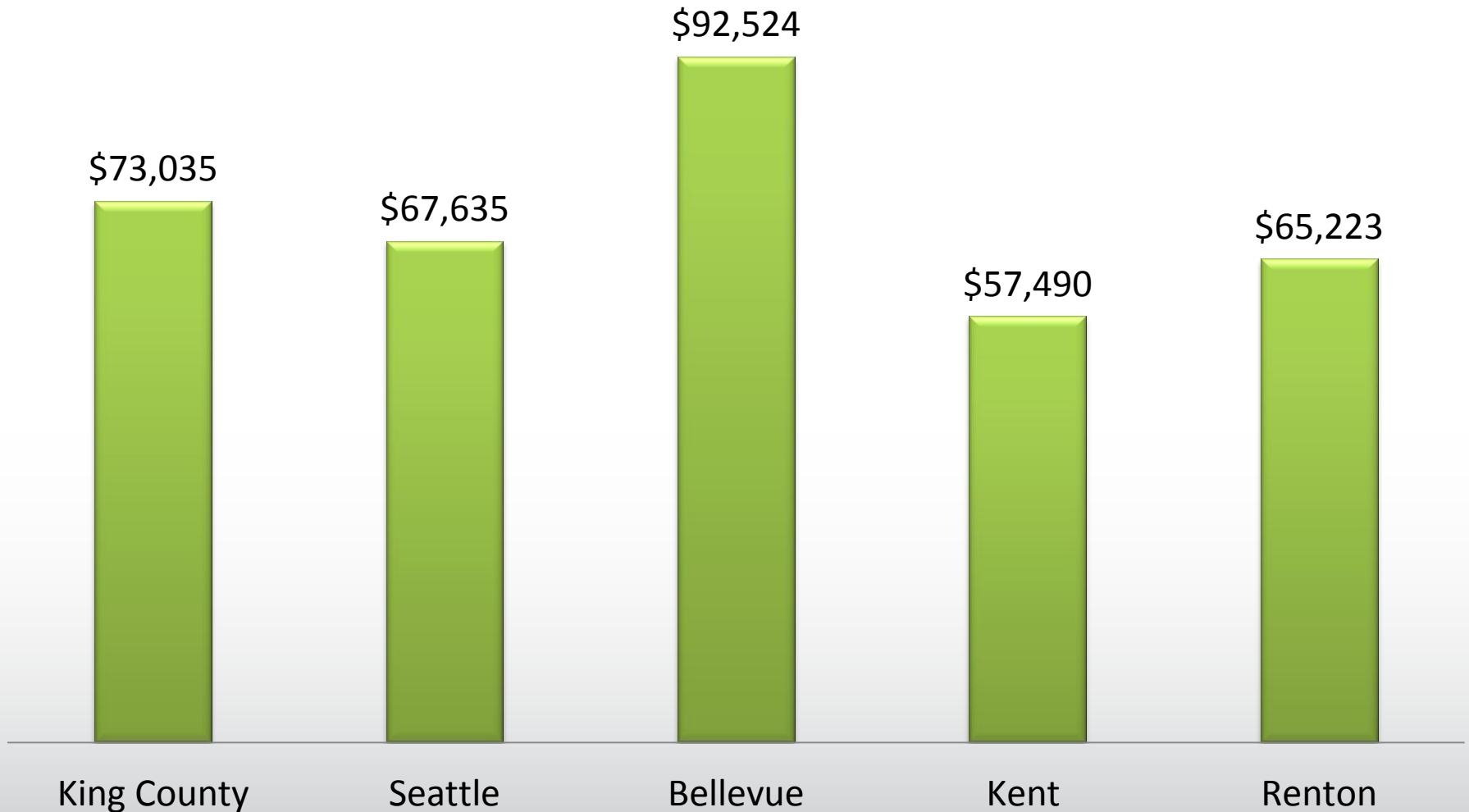


Source: American Community Survey 5-Year Estimates 2010-2014

► **Scenario 3:** Which Cities have the lowest and highest Median Household Incomes ?

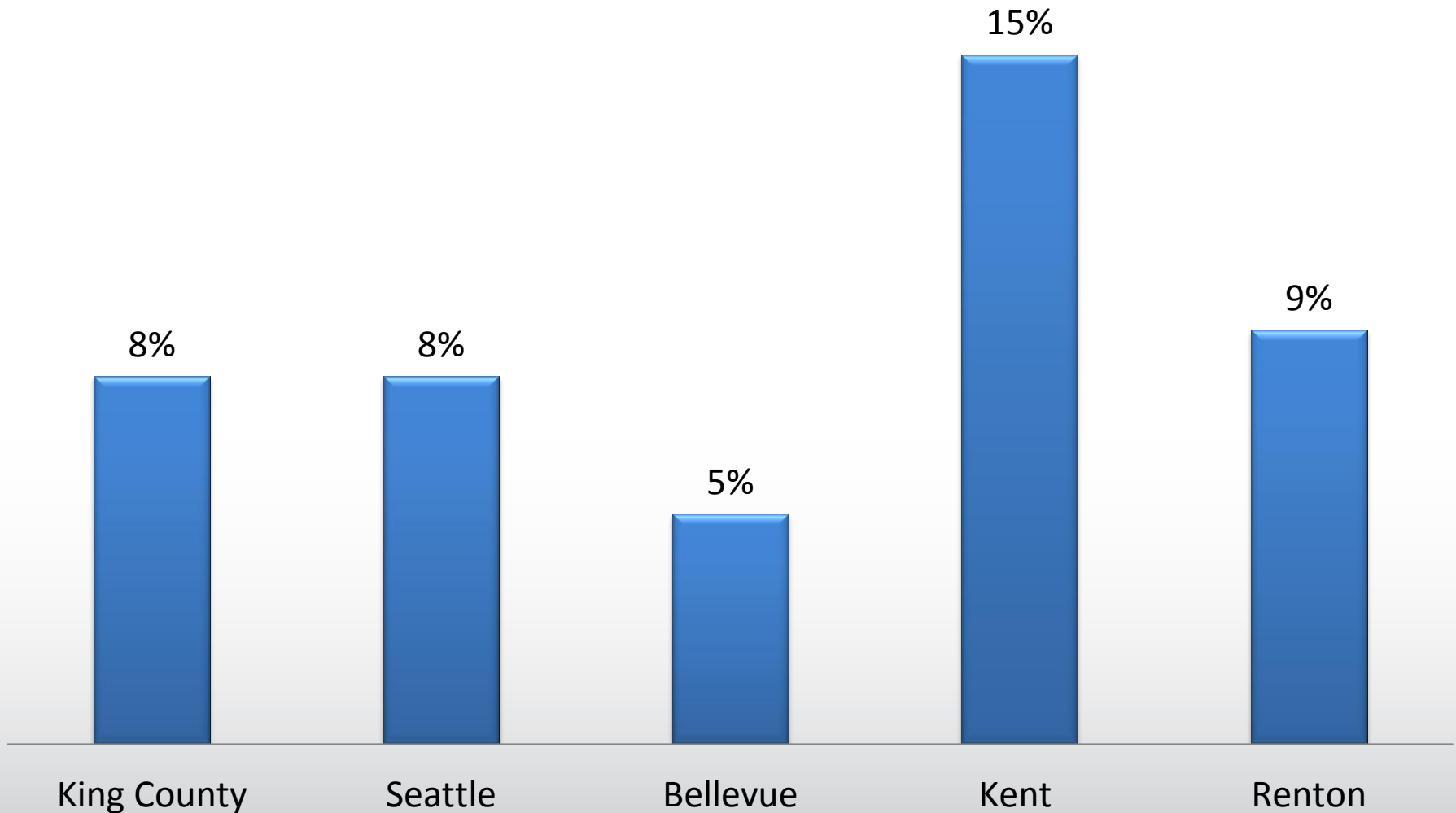
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Median Household Income



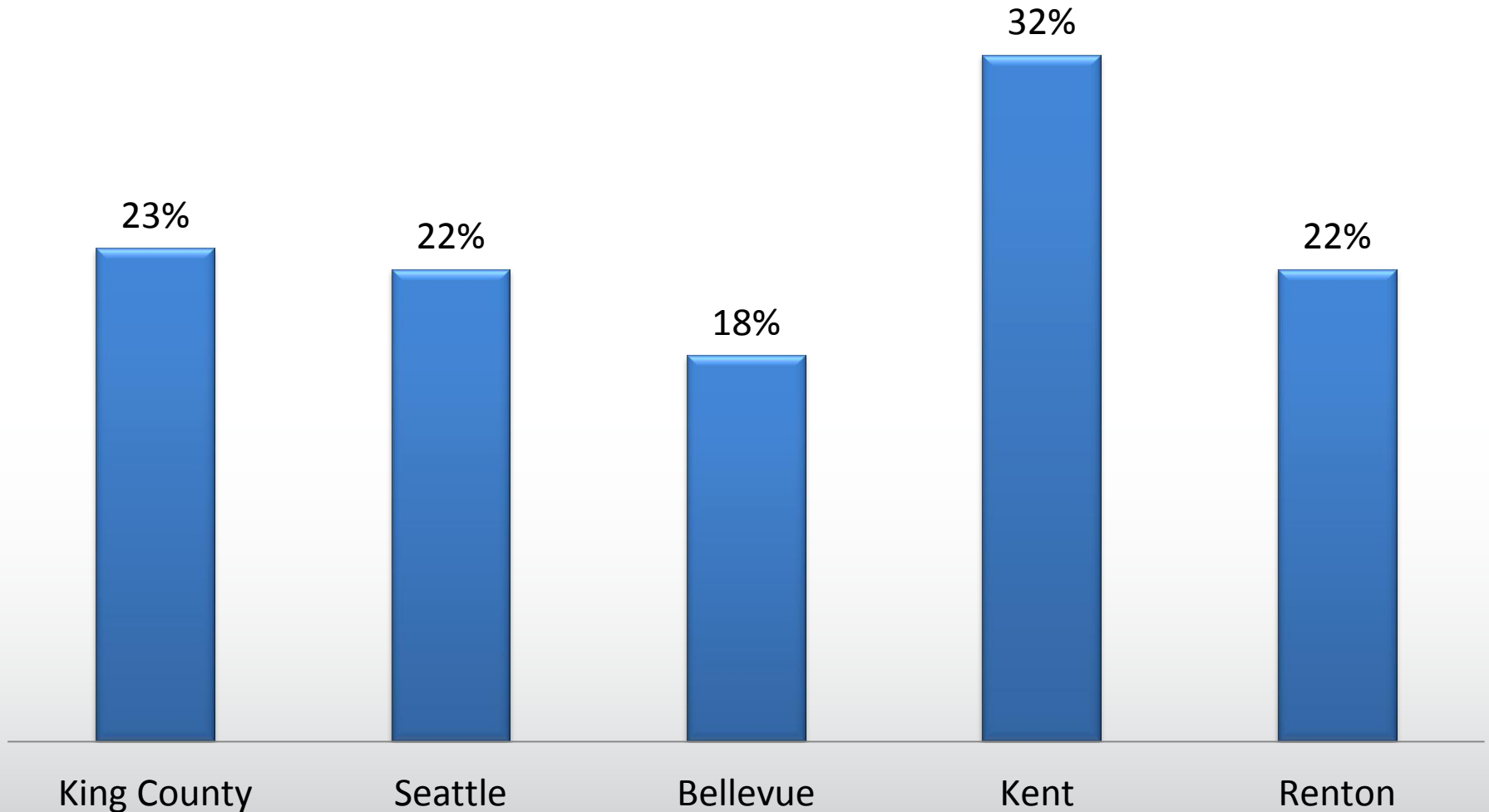
Source: American Community Survey 5-Year Estimates 2010-2014

Families below Poverty Level



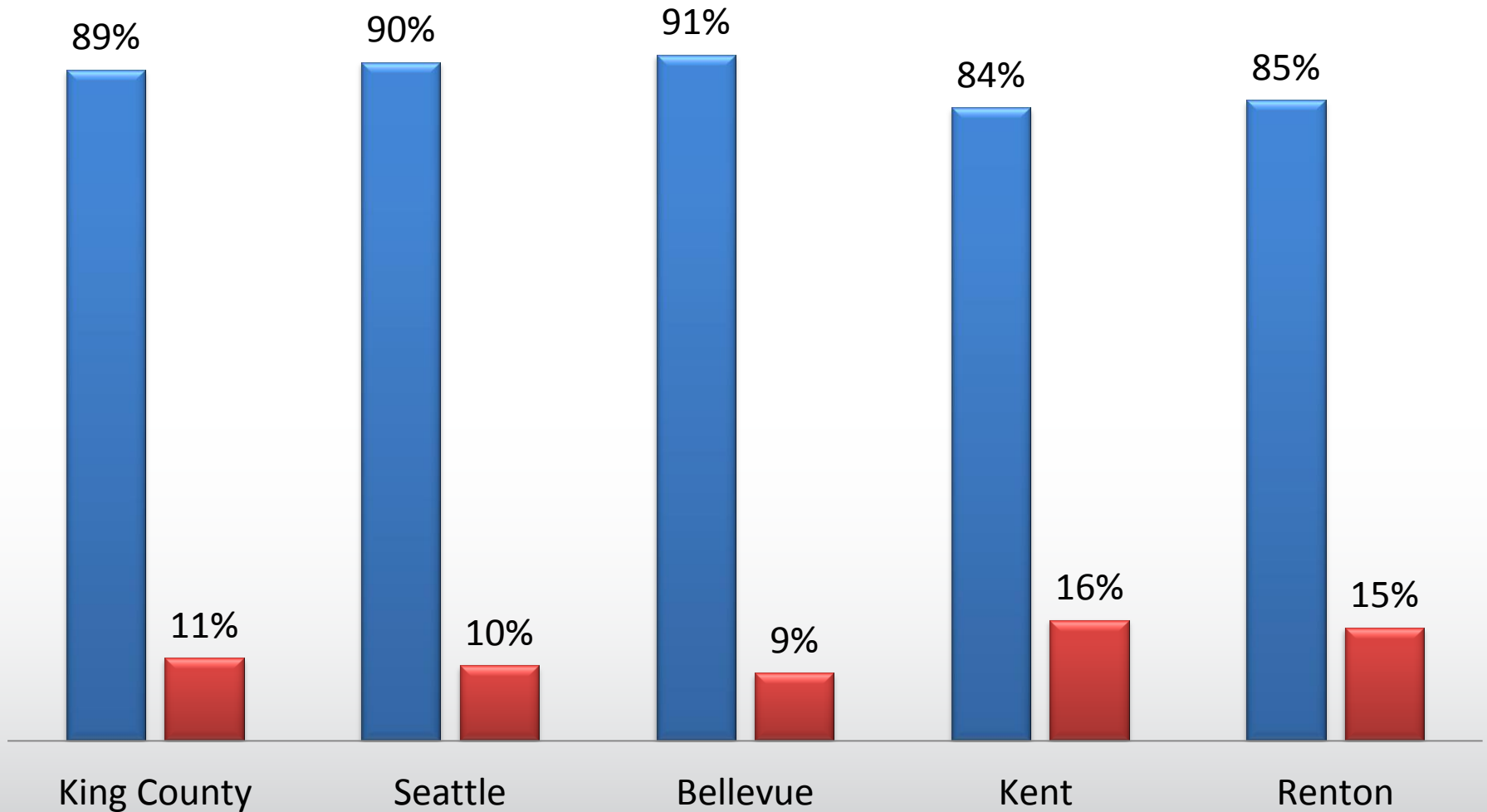
Source: American Community Survey 5-Year Estimates 2010-2014

Female Householder (no husband) below Poverty Level



Source: American Community Survey 5-Year Estimates 2010-2014

■ With Health Insurance ■ No Health Insurance



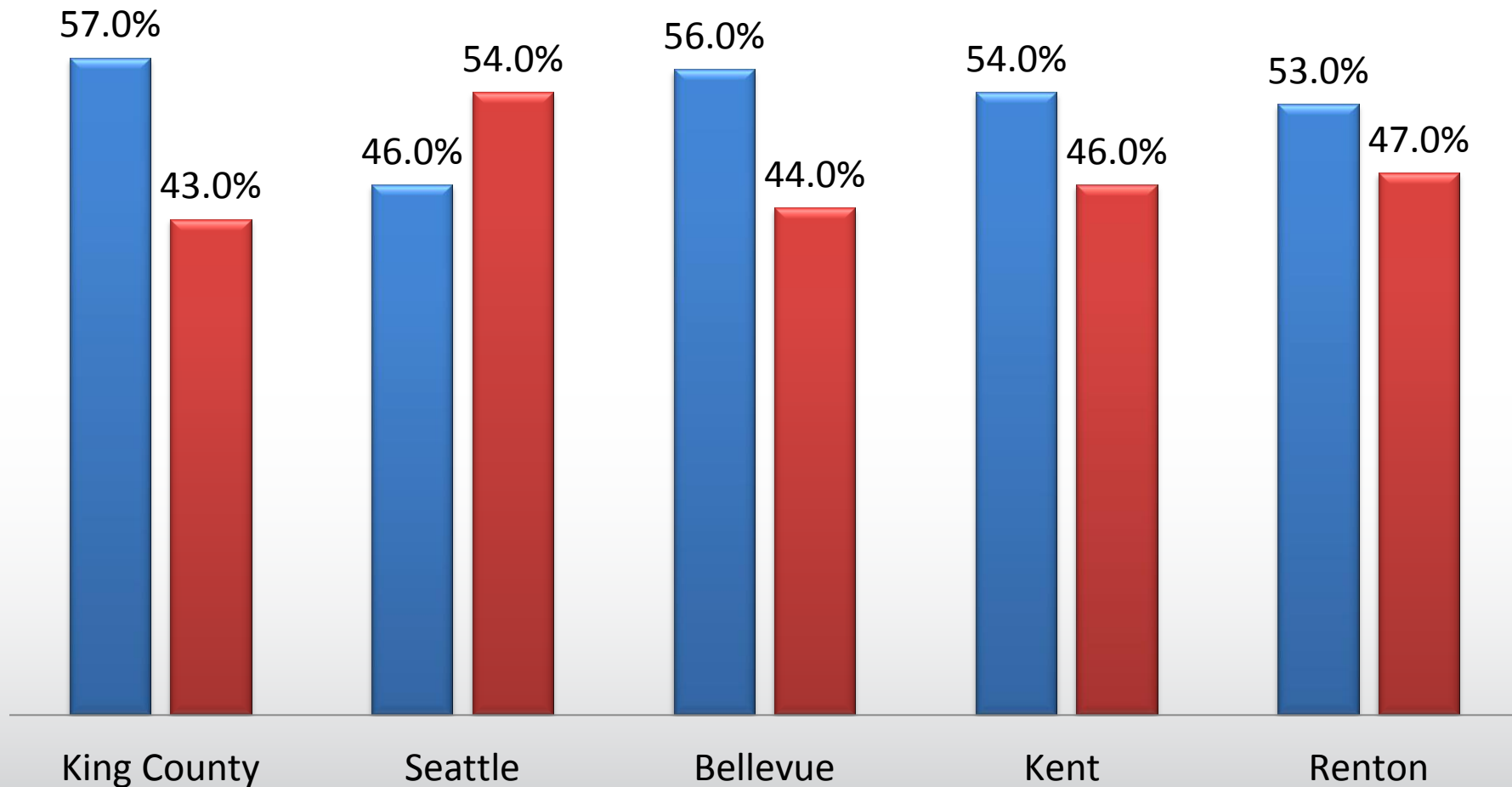
Source: American Community Survey 5-Year Estimates 2010-2014

► Scenario 4: Which City has a higher percentage of Renters?

- Seattle
- Bellevue
- Kent
- Renton

Tenure

■ Owner Occupied ■ Renters



Source: American Community Survey 5-Year Estimates 2010-2014

Margin of Error (MOE)

- **Margin of Error Definition:**
A measure of the precision of an estimate at a given level of confidence (90%, 95%, 99%)
 - MOEs at the 90% confidence level for all published ACS estimates
- **Confidence Interval Definition:**
A range that is expected to contain the population value of the characteristic with a known probability

Note: *The previous slides' data are not tested for statistical significance*

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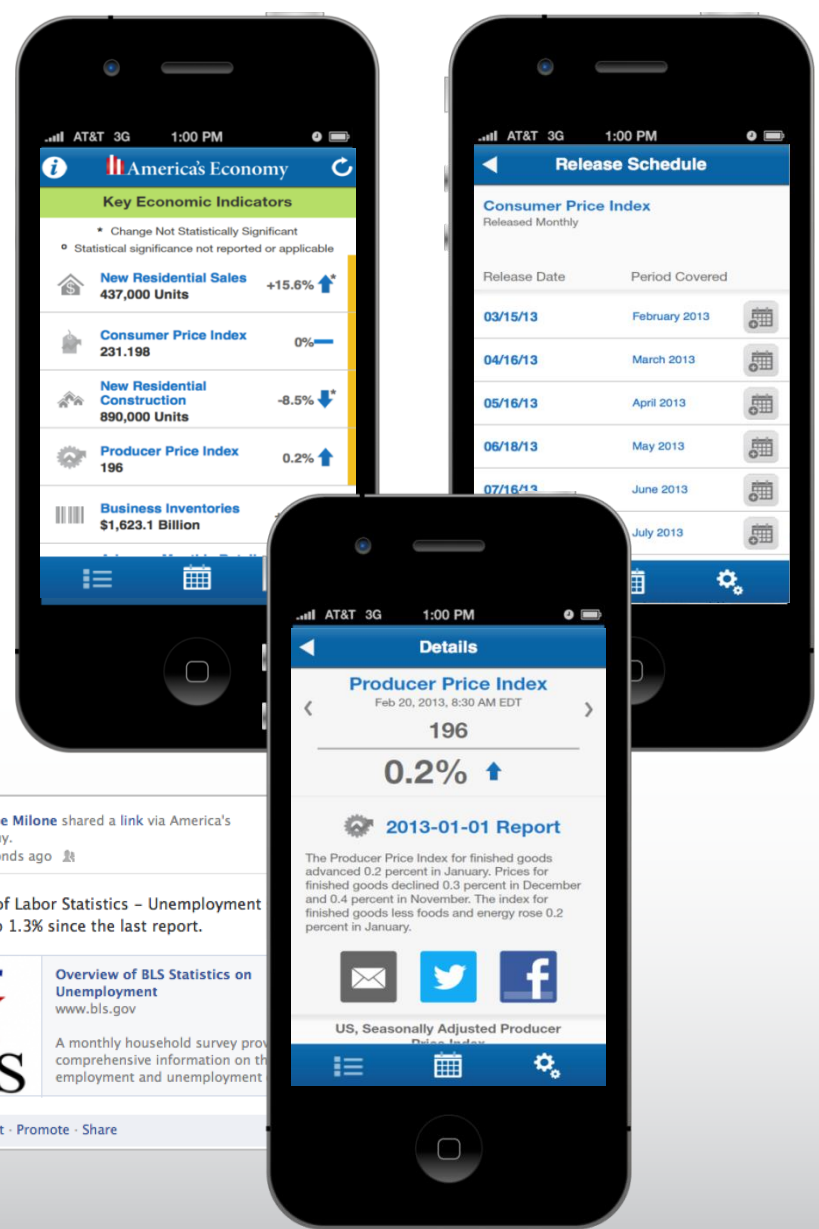
Mobile Apps

census.gov/mobile



America's Economy

- Provides the latest data for the principal federal economic indicators, including BEA and BLS; 20 indicators
- Allows businesses to have this information at their finger tips when making important decisions everyday.
- Added BLS's Consumer Price Index (CPI), Producer Price Index (PPI) and Non-farm Payroll; Rental Vacancy Rates



Census Data Products

- Population Finder
- Quick Facts
- Easy Stats
- Census Explorer
- Community Facts in AFF
- Narrative Profiles
- Address Search & Census Tract Data



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